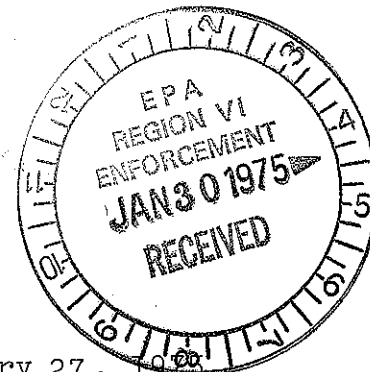
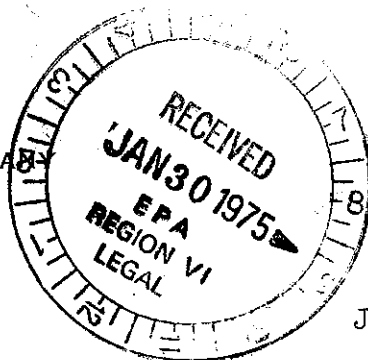




E. I. DU PONT DE NEMOURS & COMPANY  
INCORPORATED

HOUSTON PLANT  
P. O. Box 347, LA PORTE, TEXAS 77571

BIOCHEMICALS DEPARTMENT



January 27, 1975

*Beh V*

Mr. Arthur W. Busch, Regional Administrator  
Environmental Protection Agency, Region VI  
1600 Patterson, Suite 1100  
Dallas, Texas 75201

BARGING PERMIT EXPIRATION REPORT

Attention: Mark Chandler

Dear Mr. Busch:

Pursuant to General Condition No. 11 in the Dupont Houston Plant's Marine Protection, Research and Sanctuaries Act Permit No. 730D004B, we submit the attached permit expiration report. It is our understanding that this report completes our obligations under the permit. Disposal of wastes in the Gulf from this site was discontinued on December 31, 1974.

Sincerely,

*R. L. Stearns*

R. L. Stearns  
Environmental Coordinator

For E. I. Dupont and  
Domar Ocean Transportation, Ltd.

CC: Dennis Banta  
Domar Ocean Transportation, Ltd.  
Morgan City, La.

Dr. Walter A. Quebedeaux, Director  
Harris County Pollution Control Dept.

Mr. Hugh C. Yantis, Executive Director  
Texas Water Quality Board, Austin

## DU PONT HOUSTON PLANT

### I. NATURE OF MATERIAL DUMPED

The following tables list the nature, including a complete description of relevant physical characteristics, of material dumped for the period December 1 thru December 31, 1974.

DU PONT HOUSTON PLANT

NATURE OF MATERIAL DUMPED

	<u>Load</u> <u>L-45-74</u>	<u>Load</u> <u>L-46-74</u>	<u>Load</u> <u>L-47-74</u>
Date Shipped	11/22/74	12/3/74	12/18/74
Tons	2,898	1,953	2,394
Sodium Chloride (lbs)	108,704	100,392	114,433
Sodium Sulfate (lbs)	16,808	21,874	12,449
Sodium Bromide (lbs)	5,506	14,257	17,237
Potassium Chloride (lbs)	3,321	2,945	2,744
Methanol (lbs)	25,502	65,722	12,947
Methylene Chloride (lbs)	1,061	2,508	ND
Formaldehyde (lbs)	ND	ND	ND
Other Organics (lbs)	1,159	12,284	3,352
Cadmium (lbs)	0.002	0.010	0.002
Mercury (lbs)	0.010	0.012	0.014
TOC (lbs)	37,094	54,684	20,550
Total Residue (lbs)	174,460	175,770	156,568
<i>BARGE</i>	<i>2502</i>	<i>Z-122</i>	<i>2502</i>

ND - None Detected

## DU PONT HOUSTON PLANT

### II. TIMES AND LOCATIONS OF DUMPING

The following table lists the precise times and locations that dumping took place during the December 1 through December 31, 1974, period.

DU PONT HOUSTON PLANT

TIMES AND LOCATIONS OF DUMPING

Load No.	Date 1st Discharge	<u>Start</u>			<u>Mid Point</u>		
		<u>CD Time</u>	<u>Long.</u>	<u>Latd.</u>	<u>Time CD</u>	<u>Long.</u>	<u>Latd.</u>
L-45	12/3/74	1930	94°28'W	27°25'N	0300	94°41'W	27°13'N
L-46	12/5/74	0720	94°29'W	27°27'N	1120	94°34'W	27°20'N
L-47	12/22/74	0600	94°32'W	27°26'N	1100	94°32'W	27°26'N

DU PONT HOUSTON PLANT

TIMES AND LOCATIONS OF DUMPING

<u>Load No.</u>	<u>Date of Discharge</u>	<u>Finish</u>			<u>Dump Rate</u>
		<u>CD Time</u>	<u>Long.</u>	<u>Latd.</u>	
L-45	12/4/74	1000	94°36'W	27°20'N	6662
L-46	12/5/74	1520	94°35'W	27°16'N	5425
L-47	12/22/74	1600	94°35'W	27°20'N	6980

III. Analysis of All Elements Listed in 227.31(b)(1) of the  
Ocean Dumping Final Regulations and Criteria  
(40C.F.R. 227.31)

A composite sampling from each barging operation during the period December 1 thru December 31, 1974, showed the following:

<u>Element</u>	<u>Concentration (ppm)</u>
Arsenic	0.01
Lead	<0.01
Copper	0.16
Zinc	0.35
Vanadium	<0.10
Beryllium	0.03
Chromium	0.04
Nickel	0.06
Selenium	<0.02